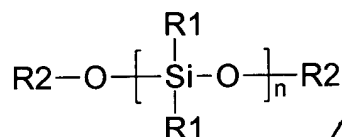


Claims

1. Ambient temperature curing coating composition comprising

- 5 - a polysiloxane having the formula



wherein each R1 is selected from the group consisting of alkyl, aryl, and alkoxy groups having up to six carbon atoms, reactive glycidoxy groups, and OSi(OR3)₃ groups, wherein each R3 independently has the same meaning as R1, each R2 is selected from the group consisting of hydrogen and alkyl and aryl groups having up to six carbon atoms, and wherein n is selected so that the molecular weight of the polysiloxanes is in the range of from 500 to about 2,000,

- a glycidyl-functional acrylic polymer,
- a hardener.

2. Coating composition according to claim 1, wherein the glycidyl-functional acrylic polymer is obtained by polymerisation in the polysiloxane.

3. Coating composition according to claim 1, wherein the polysiloxane is an alkoxy-silyl-functional polysiloxane.

4. Coating composition according to claim 1, wherein the glycidyl-functional acrylic polymer is obtained by polymerising a mixture comprising glycidyl methacrylate and butyl acrylate.

5. Coating composition according to claim 4, wherein the mixture further comprises methyl methacrylate.

SUB
22

TOP SECRET

- 10

- 15

- 20

10. Use of a coating composition according to claim 1 for the coating at ambient temperature of large structures such as ships, bridges, buildings, industrial plants, or oil rigs.

add
a/

[illegible]